

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A recording apparatus for recording to a recording medium AV data containing at least one of audio data and video data, and recovery data for restoring management information for the AV data when AV data recording ~~did~~does not end normally, the apparatus comprising:

a recovery data generator means for generating recovery data for each constant or variable period;

an AV data generator means for generating AV data; and

a recorder recording means for interleaving recording the recovery data with the AV data, and recording simultaneously interleaved while interleaving the recovery data with and the AV data on the recording medium during AV data recording such that the recovery data and the AV data are recorded in an alternating fashion and in contiguous areas on the recording medium during AV data recording.

wherein the recovery data contains file management information for the recorded AV data.

2. **(Currently Amended)** A recording apparatus as described in claim 1, wherein the recovery data contains at least one of recording address information for the recorded AV data, playback time information for the recorded AV data, and a start address for an I-picture in the recorded AV data.

3-5. **(Canceled)**

6. **(Currently Amended)** A recording apparatus as described in claim 1, wherein the recovery data contains at least one of a serial number or time information, address information for previously recorded recovery data, difference information from previously recorded recovery data, information acquired for previously recorded recovery data, address information for recovery data recorded next, and identification information for identifying recovery data.

7-11. **(Canceled)**

12. **(Original)** A recording apparatus as described in claim 1, wherein the recovery data is interleaved with AV data units of a specific size.

13. **(Original)** A recording apparatus as described in claim 1, wherein the recovery data is interleaved with AV data units of a specific recording time.

14. **(Original)** A recording apparatus as described in claim 1, wherein the recovery data is interleaved every specific recording unit of AV data.

15-21. **(Canceled)**

22. **(Currently Amended)** A recording method for recording to a recording medium AV data containing at least one of audio data and video data, and recovery data for restoring management information for the AV data when AV data recording ~~did~~ does not end normally, the method comprising steps of:
generating recovery data for each constant or variable period;
generating AV data; ~~and~~
interleaving the recovery data with the AV data; and
recording simultaneously the interleaved recovery data while interleaving the recovery data with ~~and the AV data on the recording medium during AV data recording such that the recovery data and the AV data are recorded in an alternating fashion and in contiguous areas on the recording medium during AV data recording,~~
wherein the recovery data contains file management information for the recorded AV data.

23. **(Currently Amended)** A recording method as described in claim 22, wherein the

recovery data contains at least one of recording address information for the recorded AV data, playback time information for the recorded AV data, and a start address for an I-picture in the recorded AV data.

24-26. **(Canceled)**

27. **(Currently Amended)** A recording method as described in claim 22, wherein the recovery data contains at least one of a serial number or time information, address information for previously recorded recovery data, difference information from previously recorded recovery data, information acquired for previously recorded recovery data, address information for recovery data recorded next, and identification information for identifying recovery data.

28-32. **(Canceled)**

33. **(Original)** A recording method as described in claim 22, wherein the recovery data is interleaved with AV data units of a specific size.

34. **(Original)** A recording method as described in claim 22, wherein the recovery data is interleaved with AV data units of a specific recording time.

35. **(Original)** A recording method as described in claim 22, wherein the recovery data is interleaved every specific recording unit of AV data.

36-42. **(Canceled)**